1 9 2005

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

Coi	mplete if Known	
Application Number	10/020,554	
Filing Date	12/3/2001	
First Named Inventor	Pham, Duc	
Art Unit	2134	
Examiner Name	Poltorak, P	
Attorney Docket Number	AESN3006	

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (I known)			Figures Appear
		<sup>US-</sup> 5931947	08.03.1999	Burns et al.	
		<sup>US-</sup> 5918074	06.29.1999	Wright et al.	
		<sup>US-</sup> 5872783	02.16.1999	Chin	
		<sup>US-</sup> 5905725	05.18.1999	Sindhu et al.	
		<sup>US-</sup> 6260155	07.10.2001	Dellacona	
- <u>-</u> -		<sup>US-</sup> 6160819	12.12.2000	Partridge et al.	
		<sup>US-</sup> 6266.705	07.24.2001	Ullum et al	
		<sup>US-</sup> 6263445	07.17.2001	Blumenau	
		<sup>US-</sup> 6157955	12.05.2000	Nerad et al.	
		<sup>US-</sup> 6252878	06.26.2001	Locklear, Jr. et al.	
		<sup>US-</sup> 6292827	09.18.2001	Raz	
		<sup>US-</sup> 6351775	02.26.2002	Yu	
		<sup>US-</sup> 6091720	07.18.2000	Bedard et al.	
		<sup>US-</sup> 6078943	06.20.2000	Yu	
		US-			•
		US-			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3 -</sup> Number <sup>4 -</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	•	Or Relevant Figures Appear	Τ°	

Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

Complete if Known				
Application Number	10/020,554	_		
Filing Date	12/3/2001			
First Named Inventor	Pham, Duc			
Art Unit	2134			
Examiner Name	Poltorak, P			
Attorney Docket Number	VESN3006	7		

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2 (f known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
		<sup>US-</sup> 5453979	09.26.1995	Schibler et al.	
		<sup>US-</sup> 5850395	12.15.1998	Hauser et al.	
		<sup>US-</sup> 5974463	10.26.1999	Warrier et al.	
		<sup>US-</sup> 6253193	06.26.2001	Ginter et al.	
		<sup>US-</sup> 6259699	07.10.2001	Opalka et al.	
		<sup>US-</sup> 6157649	12.05.2000	Peirce et al.	
		<sup>US-</sup> 5754791	05.19.1998	Dahlgren et al.	
		<sup>US-</sup> 5566170	10.15.1996	Bakke et al.	
		US-			
_		US-			
, ,		US-			
		US-			
		US-			
		US-		-	
		US-			
		L	i	1	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T		
		·						
						Г		

Examiner	Date	
Signature	Cons	sidered
-		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6Applicant is to place a check mark here if English language

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
of a collection of information unless it contains a valid OMB control number

Und	der the Paperwork Red	uction Ac	ct of 1995, no persons ar		of information unless it contains a valid OM	
Substitut	te for form 1449/PTO				Complete if Known	
Cuboman	10 101 101111 1740/1 10			Application Number	10/020,554	
INFORMATION DISCLOSURE			CLOSURE	Filing Date	12/3/2001	
STATEMENT BY APPLICANT				First Named Inventor	Pham, Duc	
	(Use as many she	ate se n	acassani)	Art Unit	2134	
(coole many enests as messessiny)				Examiner Name	Poltorak, P	
Sheet	3	of	16	Attorney Docket Number	AESN3006	

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	T <sup>2</sup>
		number(s), publisher, city and/or country where published.	· ·
		IBM, IBM Network Processor (IBM32NPR161EPXCAC133) Product Overview, Published 10/04/1999	
		BROADCOM, BCM5820 E-Commerce Product Brief, 5820-PB00-R-3.26.01, Published 2001	
		BROADCOM, BCM5840 Gigabit Security Processor Product Brief, 5840-PB00-R-12.6.00, Published 2000	
		IBM, The Network Processor - Enabling Technology for High-Performance Networking, Published 8-99	
		IBM, Packet Routing Switch PRS28G Product Sheet, Undated.	
		IBM, Packet Routing Switch PRS28G, Version 1.7 Datasheet, prs28.04.fm, February 6, 2001	
		IBM, IBM PowerNP™ NP4GS3 Network Processor Preliminary Datasheet, May 18, 2001	
		IBM, Product Overview, IBM PowerNP NP4GS3, Network Processor Solutions, April 16, 2001	
·			

Examiner		Date	
Signature	· ·	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 4

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/020,554				
Filing Date	12/3/2001				
First Named Inventor	Pham, Duc				
Art Unit	2134				
Examiner Name	Poltorak, P				
Attorney Docket Number	AESN3006				

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 5850446	12.15.1998	Berger et al.	
		<sup>US-</sup> 2002/0184487	12.05.2002	Badamo et al.	
		US-			
	-	US-			
•		US-			
		US-			
		US-			
	<u> </u>	US-			
		US-		·	

		FOREIGN	PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ°

Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language

PTO/SB/08B (08-03)

Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO	Complete if Known		
	Application Number	10/020,554	
INFORMATION DISCLOSURE	Filing Date	12/3/2001	
STATEMENT BY APPLICANT	First Named Inventor	Pham, Duc	
(Use as many sheets as necessary)	Art Unit	2134	
(Ose as many sneets as necessary)	Examiner Name	Poltorak, P	
Sheet 5 of 16	Attorney Docket Number	AESN3006	

		NON PATENT LITERATURE DOCUMENTS	,
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ALAN RADDING, Storage ROI: Truth & Fiction, Infoworld Custom Meda Group, 2001	
		IETF, IP STORAGE WORKING GROUP, iSCSI Requirements and Design Considerations, Document: draft-ietf-ips-iscsi-reqmts-05.txt, July 2001	
		IETF, IP Security Working Group, Security Properties of the IPsec Protocol Suite, Document draft-krywaniuk-ipsec-properties-00.txt, July 9, 2001	
		IETF, iSCSI, Document draft-ietf-ips-iscsi-08.txt, 30-Sep-01	
		Y	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

Commissioner for Patents B.O. Box 1450, Alexandria, VA 22313-1450. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMD 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known

Substitute for form 1449/PTO	Complete ii Known				
,	Application Number	10/020,554			
INFORMATION DISCLOSURE	Filing Date	12/3/2001			
	First Named Inventor	Pham, Duc et al			
STATEMENT BY APPLICANT	Art Unit	2134			
(Use as many sheets as necessary)	Examiner Name	Poltorak, P			
. 16	Attorney Docket Number	AESN3006			

Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6038668	03-2000	Chipman et al.	
		<sup>US-</sup> 6529950	03-2003	Lumelsky et al.	
		<sup>US-</sup> 6199077	03-2001	Inalla et al.	
		<sup>US-</sup> 6594763	07-2003	Madoukh	
_		<sup>US-</sup> 6330677	12-2001	Madoukh	
		<sup>US-</sup> 6477644	11-2002	Turunen	
		<sup>US-</sup> 6542992	04-2003	Peirce et al.	
,		<sup>US-</sup> 6560217	05-2003	Peirce et al.	
		<sup>US-</sup> 6845395	01-2005	Blumenau et al.	
		US-			
_		US-			
		US-	- <del> </del>		

		FOREI	<b>GN PATENT DOCU</b>	IMENTS		
Examiner Initials*	Cite No.1		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3 -</sup> Number <sup>4 -</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
						Щ

Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

AESN3006

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO Application Number 10/020,554 Filing Date 12/3/2001 INFORMATION DISCLOSURE First Named Inventor Pham, Duc STATEMENT BY APPLICANT Art Unit 2134 (Use as many sheets as necessary) **Examiner Name** Poltorak, P

Sheet

Attorney Docket Number

				DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 6,061,650 A	05-09-2000	Malkin et al.	Col 4, lines 23-28.
		<sup>US-</sup> 5,564,106 A	10-08-1996	Puhl et al.	Col 2, lines 9-57;
		US-			Col 4, lines 13-44.
		<sup>US-</sup> 6,405,315 B1	06-11-2002	Burns et al.	Col 2, lines 28-44.
		US-			
		US-		·	·
. ,,		US-			
		US-			-

		FOREIGN	PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
						-

Examiner	Date	
Signature	Conside	red
_		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known
· Cabasidate for form 1445/1110	Application Number	10/020,554
INFORMATION DISCLOSURE	Filing Date	12/3/2001
STATEMENT BY APPLICANT	First Named Inventor	Pham, Duc
(Use as many sheets as necessary)	Art Unit	2134
(Use as many sneets as necessary)	Examiner Name	Poltorak, P
Sheet of 16	Attorney Docket Number	AESN3006

Examiner Initials*    Cite   Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (took, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.    YOSHIDA et al., Virtualization — The Promise and the Reality, Sun Microsystems White Paper, 2001    Real-Time Mechanism for Accounting and Network Acces Control, IBM Technical Disclosure Bulletin, April 1994, US, Vol 37, Issue 4A, pg 337-340, April 1, 1994				
Initials* No.¹ the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  YOSHIDA et al., Virtualization — The Promise and the Reality, Sun Microsystems White Paper, 2001  Real-Time Mechanism for Accounting and Network Acces Control, IBM Technical Disclosure Bulletin, April 1994, US, Vol 37, Issue 4A, pg 337-340, April 1, 1994			NON PATENT LITERATURE DOCUMENTS	
Microsystems White Paper, 2001  Real-Time Mechanism for Accounting and Network Acces Control, IBM Technical Disclosure Bulletin, April 1994, US, Vol 37, Issue 4A, pg 337-340, April 1, 1994		Cite No. <sup>1</sup>	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	T <sup>2</sup>
Disclosure Bulletin, April 1994, US, Vol 37, Issue 4A, pg 337-340, April 1, 1994				
			·	
Examiner I Date I	Examiner	T	Date	

	The state of the s		
Examiner		Date	
Signature		Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/020,554
Filing Date	12/3/2001
First Named Inventor	Pham, Duc
Art Unit	2134
Examiner Name	Poltorak, P
Attorney Docket Number	AESN3006

		·		DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		<sup>US-</sup> 5,822,531	10-13-1998	Gorczyca et al.	
		<sup>US-</sup> 6,006,259	12-21-1999	Adelman et al.	
		<sup>US-</sup> 6,470,389	10-22-2002	Chung et al.	
_		<sup>US-</sup> 6,493,318	12-10-2002	Bare	
		<sup>US-</sup> 6,493,341	12-10-2002	Datta et al.	
		<sup>US-</sup> 5,655,120	08-05-1997	Witte et al.	
		<sup>US-</sup> 5,819,045	10-06-1998	Raman et al.	
		<sup>US-</sup> 5,539,883	07-23-1996	Allon et al.	
		<sup>US-</sup> 5,862,348	01-19-1999	Pedersen	
		<sup>US-</sup> 5,774,668	06-30-1998	Choquier et al.	
		<sup>US-</sup> 6,078,960	06-20-2000	Ballard <	
		<sup>US-</sup> 6,480,861	11-12-2002	Kanevsky et al.	
		<sup>US-</sup> 6,487,605	11-26.2002	Leung	
		US-6,327,622	12-04-2001	Jindal et al.	
		US- 6,438,652	08-20-2002	Jordan et al.	
		<sup>US-</sup> 6,424,621	07-23-2002	Ramaswamy et al.	
		<sup>US-</sup> 6,173,306	01-09-2001	Raz et al.	
		<sup>US-</sup> 6,272,522	08-07-2001	Lin et al.	
		<sup>US-</sup> 6,505,254	01-07-2003	Johnson et al.	

		FORE	<b>IGN PATENT DOCU</b>	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	,,,	Or Relevant Figures Appear	י
		·				
						Г
						Т

Examiner	Date	<u> </u>
Signature	Considered	
-		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

Complete if Known				
Application Number	10/020,554			
Filing Date	12/3/2001			
First Named Inventor	Pham, Duc			
Art Unit	2134			
Examiner Name	Poltorak, P			
Attorney Docket Number	AESN3006			

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 6,185,681	02-2001	Zizzi, Stephen	
		<sup>US-</sup> 5,584,023	12-1996	Hsu, Mike	
		<sup>US-</sup> 5,596,718	01-1997	Boebert et al.	
		<sup>US-</sup> 5,850,446	12-1998	Berger et al.	
		<sup>US-</sup> 6,286,104	09-2001	Buhle et al.	
		<sup>US-</sup> 6,377,577	04-2002	Bechtolsheim et al.	
		<sup>US-</sup> 6,378,072	04-2002	Collins et al.	
		<sup>US-</sup> 6,249,866	06-2001	Brundrett et al.	
		<sup>US-</sup> 6,647,400	11-2003	Moran, Douglas	
		<sup>US-</sup> 6,665,666	12-2003	Brown et al.	
		<sup>US-</sup> 6,671,773	12-2003	Kazar et al.	
		<sup>US-</sup> 2002/0091734	07-2002	Redlich et al.	
		<sup>US-</sup> 2003/0046366	03-2003	Pardikar et al.	
		<sup>US-</sup> 2003/0056095	03-2003	Elliott et al.	
		<sup>US</sup> - 2003/0112977	06-2003	Ray et al.	
		<sup>US-</sup> 2003/0196114	10-2003	Brew et al.	
		US-			
		US-			
		US-			

		FOREIG	GN PATENT DOC	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	<b>T</b> 6
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	WIWI-DD-TTTT		Or Relevant Figures Appear	'
		WO 9900958	01-1999	LEVERIDGE et al		
		JP 08272667	10-1996	NAKAMURA, Y.		
						,
			В			

Examiner		Date	
Signature		Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
of a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO	Complete if Known		
Substitute 15t 15th 1445/1 10	Application Number	10/020,554	
INFORMATION DISCLOSURE	Filing Date	12/3/2001	
STATEMENT BY APPLICANT	First Named Inventor	Pham, Duc	
(Use as many sheets as necessary)	Art Unit	2134	
(ose as many shocks as necessary)	Examiner Name	Poltorak, P	
Sheet (( of )6	Attorney Docket Number	AESN3006	

NON PATENT LITERATURE DOCUMENTS	
E I ON THE STATE OF THE STATE O	
Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title Initials* No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the article (when a	
BERTINO et al., Advanced Transaction Processing in Multilevel Secure File Stores, 1998 IEEE	
CATTANEO et al., The Design and Implementation of Transparent Cryptographic Filesystems for UNIX, June 2001	
LUDWIG et al., File System encryption with Integrated Usr Managemen October 2001 ACM	,
O'CONNELL et al., JFS: A Secure Distributed File System for Network Computers, 1999	

Examiner	·	Date	
Signature		Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 
2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/020,554	340		
Filing Date	12/3/2001			
First Named Inventor	Pham, Duc	,		
Art Unit	2134			
Examiner Name	Poltorak, P			
Attorney Docket Number	AESN3006			

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 5,463,772	10-31-1995	Thompson et al.	
		<sup>US-</sup> 5,931,947	08-03-1999	Burns et al.	
		<sup>US-</sup> 5,007,082	04-09-1991	Cummins	
		US-			
•		US-			
		US-			
		US-			
		US-			:
		US-			

		FOREIGN	PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3 -</sup> Number <sup>4 -</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ°
		·				
					·	
					,	

Examiner	Date	te	
Signature	1	nsidered	
3	361	ilisiacioa	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/020,554
Filing Date	12/3/2001
First Named Inventor	Pham, Duc
Art Unit	2134
Examiner Name	Poltorak, P
Attorney Docket Number	AESN3006

Examiner	Cite	Document Number	Publication Date	T DOCUMENTS  Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1		MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant
		Number-Kind Code <sup>2 (# known)</sup>			Figures Appear
		<sup>US-</sup> 6,202,157	03-13-2001	Brownlie et al.	
		<sup>US-</sup> 6,219,790	04-17-2001	Lloyd et al.	
		<sup>US-</sup> 6,246,771	06-12-2001	Stanton et al.	
		<sup>US-</sup> 6,253,321	06-26-2001	Nikander et al.	
		<sup>US-</sup> 6,282,652	08-28-2001	Scheifler	
		<sup>US-</sup> 6,158,011	12-05-2000	Chen et al.	
		<sup>US-</sup> 6,286,104	09-04-2001	Buhle et al.	
		<sup>US-</sup> 6,304,973	10-16-2001	Williams	
-		<sup>US-</sup> 6,438,612	08-20-2002	Ylonen et al.	
		<sup>US-</sup> 6,354,886	03-05-2002	Howard et al.	
		<sup>US-</sup> 6,499,110	12-24-2002	Moses et al.	
		<sup>US-</sup> 6,496,932	12-17-2002	Trieger	
		<sup>US-</sup> 6,571,287	05-27-2003	Knight et al.	
		<sup>US-</sup> 6,584,508	06-24-2003	Epstein et al.	
		<sup>US-</sup> 6,502,192	12-31-2002	Nguyen	
		<sup>US-</sup> 6,505,300	01-07-2003	Chan et al.	
		<sup>US-</sup> 6,519,636	02-11-2003	Engel et al.	
		<sup>US-</sup> 6,539,483	03-25-2003	Harrison et al.	
-		US-			

			N PATENT DOCL	IMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		WO 02/103498	12-27-2002	Gladstone		$\vdash$
		WO 01/37095	05-25-2001	Hollander		
			-			$\blacksquare$
					· · · · · · · · · · · · · · · · · · ·	H

Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language

**AESN3006** 

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Attorney Docket Number

Substitute for form 1449/PTO

Application Number 10/020,554

Filing Date 12/3/2001

First Named Inventor Pham, Duc

Art Unit 2134

[Use as many sheets as necessary]

Complete if Known

Application Number 10/020,554

Filing Date 12/3/2001

First Named Inventor Pham, Duc

Art Unit 2134

Examiner Name Poltorak, P

				T DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		<sup>US-,</sup> 5,321,841	06-14-1994	East et al.	
		<sup>US-</sup> 5,440,635	08-08-1995	Bellovin et al.	
		<sup>US-</sup> 5,349,642	09-20-1994	Kingdon	
		<sup>US-</sup> 4,503,287	03-05-1985	Morris et al.	
·		<sup>US-</sup> 5,586,260	12-17-1996	Hu	
		<sup>US-</sup> 4,423,287	12-27-1983	Zeidler	
		<sup>US-</sup> 5,550,984	08-27-1996	Gelb	
		<sup>US-</sup> 5,506,961	04-09-1996	Carlson et al.	
		<sup>US-</sup> 4,649,233	03-10-19987	Bass et al.	
		<sup>US-</sup> 5,412,717	05-02-1995	Fischer	
		<sup>US-</sup> 5,701,343	12-23-1997	Takashima et al.	
		<sup>US-</sup> 5,638,448	06-10-1997	Nguyen	
		<sup>US-</sup> 5,682,478	10-28-1997	Watson et al.	
		<sup>US-</sup> 5,657,390	08-12-1997	Elgamal et al.	
		<sup>US-</sup> 5,602,918	02-11-1997	Chen et al.	
		<sup>US-</sup> 5,649,099	07-15-1997	Theimer et al.	
		<sup>US-</sup> 5,790,800	08-04-1998	Gauvin et al.	
		<sup>US-</sup> 5,680,461	10-21-1997	McManis	
		<sup>US-</sup> 5,784,463	07-21-1998	Chen et al.	

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sub>6</sub>			
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)		•		<u> </u>			
						Ш			

Examiner	Date	
Signature	Considered	
	1	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
of a collection of information unless it contains a unlid OMB contains. Under the Paperwork Reduction Act of 1995, no persons are required to respon

Substitute for form	1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known						
Application Number	10/020,554					
Filing Date	12/3/2001					
First Named Inventor	Pham, Duc					
Art Unit	2134					
Examiner Name	Poltorak, P					
Attorney Docket Number	AESN3006					

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2 (# known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 6,052,785	04-18-2000	Lin et al.	
		<sup>US-</sup> 5,941,947	08-24-1999	Brown et al.	
		<sup>US-</sup> 5,825,890	10-20-1998	Elgamal et al.	
		<sup>US-</sup> 6,104,716	08-15-2000	CCrichton et al.	
		<sup>US-</sup> 5,922,073	07-13-1999	Shimada	
		<sup>US-</sup> 6,061,796	05-09-2000	Chen et al.	
		<sup>US-</sup> 6,084,969	07-04-2000	Wright et al.	
		<sup>US-</sup> 2001/0016907	08-23-2001	Kang et al.	
		<sup>US-</sup> 2002/1094495	12-19-2002	Gladstone et al.	
		US-			
_		US-			
		US-			,
		US-			
		US-			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> ( <i>if known</i> )	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>			
			-						

Francisco I I	
Examiner Date	
Signature Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete il Known					
Application Number	10/020,554				
Filing Date	12/3/2001				
First Named Inventor	Pham, Duc				
Art Unit	2134				
Examiner Name	Poltorak, P				
Attorney Docket Number	AESN3006	$\neg$			

Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 5235641	08.10.1993	Nozawa et al.	
		<sup>US-</sup> 5065429	11.12.1991	Lang	
		<sup>US-</sup> 6175924	01.16.2001	Arnold	
		<sup>US-</sup> 5235642	08.10.1993	Wobber et al.	
		<sup>US-</sup> 6185684	02.06.2001	Pravetz et al.	
		<sup>US-</sup> 4588991	05.13.1986	Atalla	
		<sup>US-</sup> 5720034	02.17.1998	Case	
		<sup>US-</sup> 5940507	08.17.1999	Cane et al.	
		<sup>US-</sup> 5150407	09.22.1992	Chan	
		US-			
_		US-		<u> </u>	
	,	US-			
		US-			

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T		
		WO 02/093389	11.21.2002	Avida				
		WO 02/093314	11.21.2002	Avida				
						L		
						<u> </u>		
						┞		

Examiner	Date	1
Signature	Considered	,

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language